

Measurement Quiz | Review Guide + Problems

Step 1: Fill in the area below with key notes using your notebook, homework, and/or textbook.

On your quiz, you will have the option to fill in one of the US customary charts for extra credit or simply receive a reference chart with the conversions filled in. You are required to know the metric conversion chart and will not be provided with a filled in copy.

Length

1 foot = _____ inches

1 yard = _____ feet

1 mile = _____ feet

Mass

1 pound = _____ ounces

1 ton = _____ pounds

Liquid Volume

1 cup = _____ ounces

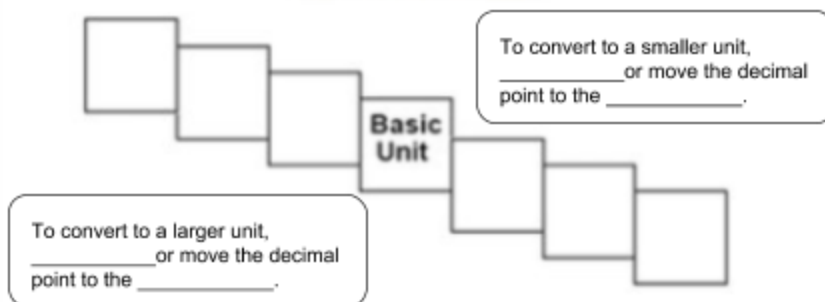
1 pint = _____ cups

1 quart = _____ pints

1 gallon = _____ quarts

1 gallon = _____ cups

Metric Conversion



Remember:

To change from a larger unit to a smaller unit, we _____.

To change from a smaller unit to a larger unit, we _____.

When multiplying by 10, we move the decimal point _____ space to the _____. By 100, _____ spaces, by 1000 _____ spaces, and so on.

When dividing by 10, we move the decimal point _____ space to the _____. By 100, _____ spaces, by 1000 _____ spaces, and so on.

Step 2: Basic Practice Problems.

Complete the following problems on a separate sheet of paper.

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Step 3: Practice with word problems

Complete worksheet on back of this page.

Metric and U.S. Customary Word Problems

1. When Emilia was born, she weighed 7 pounds 8 ounces. In the first six months, she gained 1 pound 9 ounces. How much does she weigh now?

2. Sanu wants to build 12 identical boxes to serve as worm farms. He purchases 20 yards of wood from Home Depot. How much wood can he use for each box in **yards**? (express any non-whole number answer as a fraction or mixed number)

b. How much would this be in **yards and feet**?

c. How much would this be in **inches**?

3. 17 km 20 m
 - 5 km 900 m

4. 5 gal 2 qts 1 pint
 + 1 gal 3 qts 1 pint

Step 4: During homework check on Monday, check and correct your work and ASK about any questions you got wrong/found confusing.